

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended): A monitoring system for use in a pipe line constituting a first pipe through which a liquid passes positioned and contained within a second pipe having an inside diameter greater than an outside diameter of the first pipe to provide an annular through passage surrounding the first pipe, the system comprising:
a fitting ~~connected to~~ connecting the second first pipe to a liquid source;
said fitting having at least one port connected to said annular through passage via an annular passage surrounding said through passage of said ~~fitting~~ first pipe;
said port being connected to means for detecting liquid leakage from said first pipe.
2. (Original): The monitoring system of claim 1, wherein said means for detecting liquid leakage from said first pipe includes means for monitoring vacuum within said annular passage and producing a signal indicating liquid leakage upon a vacuum reduction.
3. (Currently Amended): The monitoring system of claim 1 or claim 2, wherein said fitting connects said first pipe ~~line is connected~~ at one end thereof to an underground liquid storage tank and at another end of said first pipe is connected to an above ground liquid dispenser.
4. (Currently Amended): A monitoring system for leak prevention and leak detection in a pipe line constituting a first pipe through which a liquid passes positioned and contained within a second pipe having an inside diameter greater than an outside diameter of the first pipe to provide an annular through passage surrounding the first pipe, the system comprising:

a fitting ~~connected to~~ connecting the ~~second~~ first pipe to a liquid source;
said fitting having a through passage in liquid connection with said first pipe;
said fitting having a first port and a second port connected to said annular
through passage via an annular passage surrounding said through passage of said fitting;
said first port being connected to means for detecting liquid leakage from said
first pipe to said annular through passage surrounding said first pipe; and
said second port being adapted for removal of liquid leakage from said
annular through passage.

5. (Original): The monitoring system of claim 4, wherein said means for detecting liquid leakage from said first pipe includes means for monitoring vacuum within said annular through passage and producing a signal indicating liquid leakage upon any vacuum reduction.

6. (Original): The monitoring system of claim 4 or claim 5, wherein said second port is connected to a liquid container to prevent liquid leakage from entering ambient environment.

7. (Currently Amended): The monitoring system of claim 6, wherein said fitting connects said first pipe ~~line is connected~~ at one end thereof to an underground liquid storage tank and ~~at another end~~ of said first pipe is connected to an above ground liquid dispenser.